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## The Delphion Integrated View

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ⓘ Title: **JP10102390A2: METHOD FOR REMOVING INK**

ⓘ Derwent Title: Deinking pulp for improved opaqueness - comprising peeling printed ink from raw used paper and removing from flotation system ([Derwent Record](#))

ⓘ Country: **JP** Japan  
 ⓘ Kind: **A** (See also: [JP3405888B2](#))

ⓘ Inventor: **IRINATSU YUUICHI;**  
**MIYAUCHI YOSHITAKA;**  
**TAKAHASHI HIROMICHI;**

ⓘ Assignee: **KAO CORP**  
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ⓘ Published / Filed: **1998-04-21 / 1996-09-25**

ⓘ Application Number: **JP1996000253008**

ⓘ IPC Code: **D21C 5/02;**

ⓘ Priority Number: **1996-09-25 JP1996000253008**

ⓘ Abstract: **PROBLEM TO BE SOLVED:** To provide a method for removing ink capable of producing ink- removed pulp having high opacity and excellent in printing characteristic while keeping adequate degree of whiteness and recovery.

**SOLUTION:** This ink-removing method is composed at least of a process for removing ink from waste paper raw material and a process for discharging the removed ink from a floatation system. In the ink-removing method, a nonionic surfactant such as an alkylene oxide adduct of a mixture of oil-and-fat and mono- or poly-valent alcohol, an alkylene oxide adduct of fatty acid or an alkylene oxide adduct of higher alcohol is used as an ink-removing agent, and a floatation process is carried out in the presence of at least one selected from the group consisting of cationic compounds, amines, acid salts of amines and amphoteric compounds at pH in the range of >9 and ≤12.

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ⓘ Other Abstract Info: **CHEMABS 128(25)309639Q CAN128(25)309639Q DERABS C98-292683 DERC98-292683**



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